

Name \_\_\_\_\_

## Heating Ice Water

### 1. Fill in Table 1

Table 1: Results of the Experiment

Time (minutes and seconds)	Temperature of Water (°C)	Observations
0		
30s		
1 min		
1 min 30 s		
2 min		
2 min 30 s		
3 min		
3 min 30 s		
4 min		
4 min 30 s		
5 min		
5 min 30 s		
6 min		
6 min 30 s		
7 min		
7 min 30 s		
8 min		
8 min 30 s		
9 min		
9 min 30 s		
10 min		
10 min 30 s		
11 min		
11 min 30 s		
12 min		
12 min 30 s		
13 min		
13 min 30 s		
14 min		

Name \_\_\_\_\_

2. Plot the data from Table 1 below. You must include the following for full credit:

- Title
- Label both axes
- Number both axes with appropriate scale
- Correctly plot the points
- Join the points by a CURVED line
- Mark the approximate melting point and label it
- Mark the approximate boiling point and label it